

Fig. 1: Structure of Startup Combustor

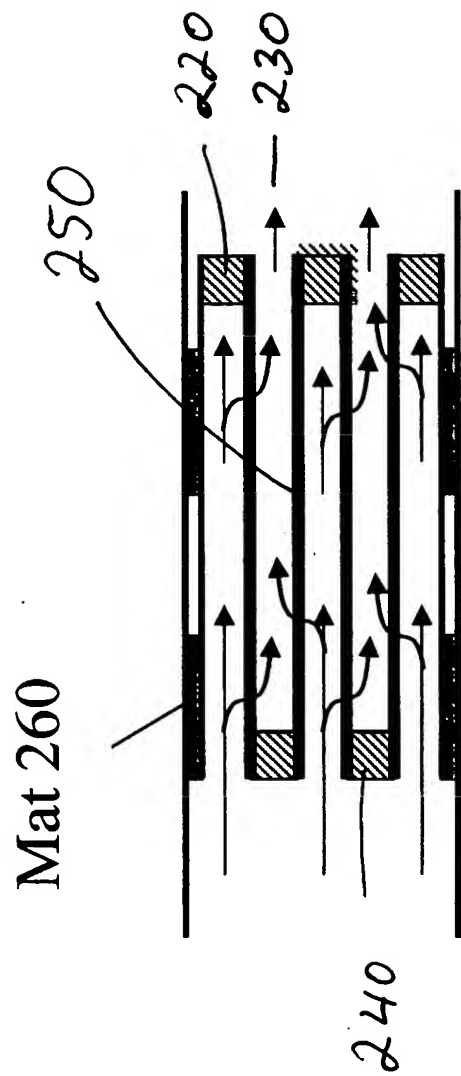


Fig. 2

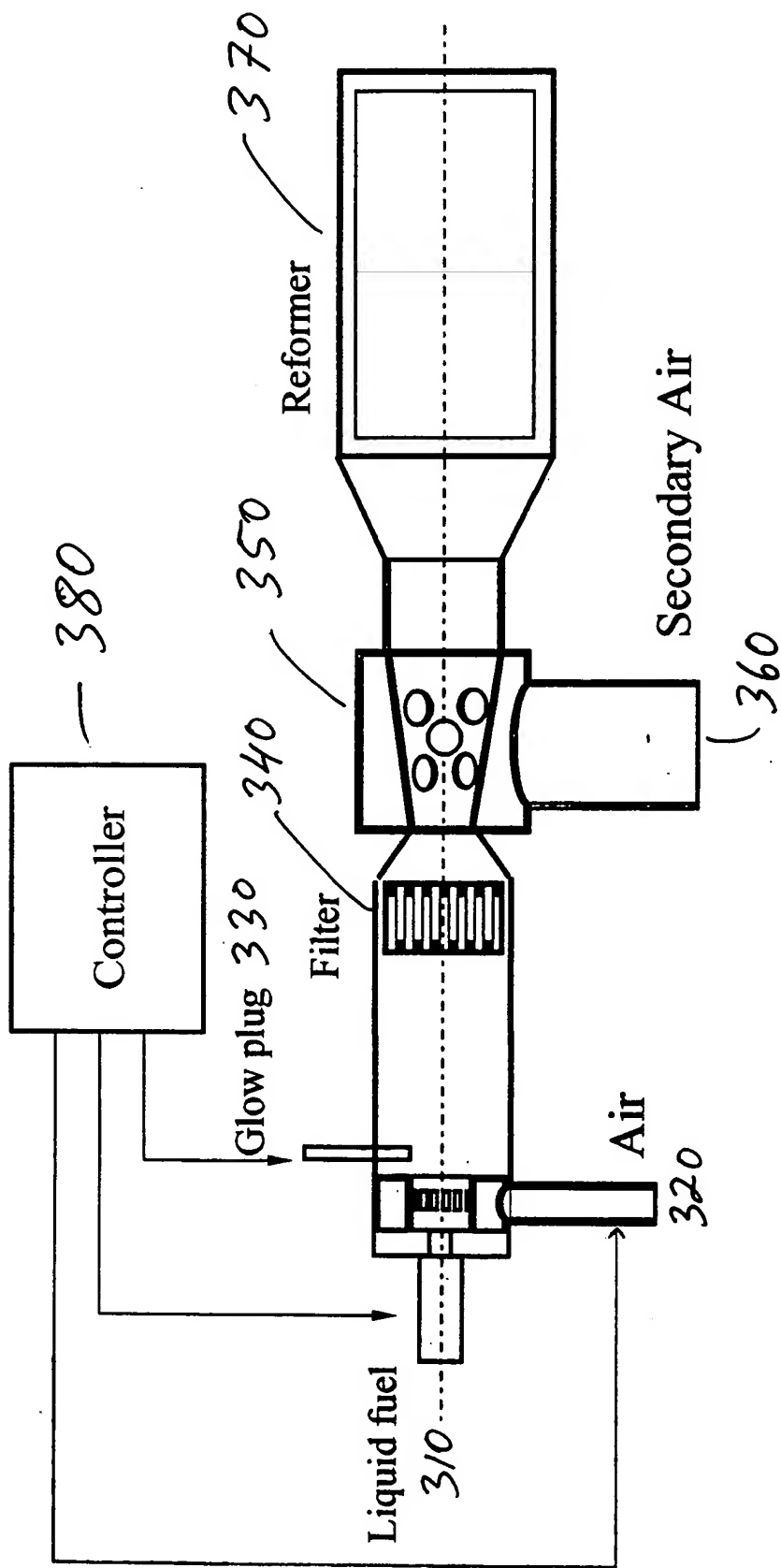


Fig. 3: Structure of Startup Combustor with air cooler

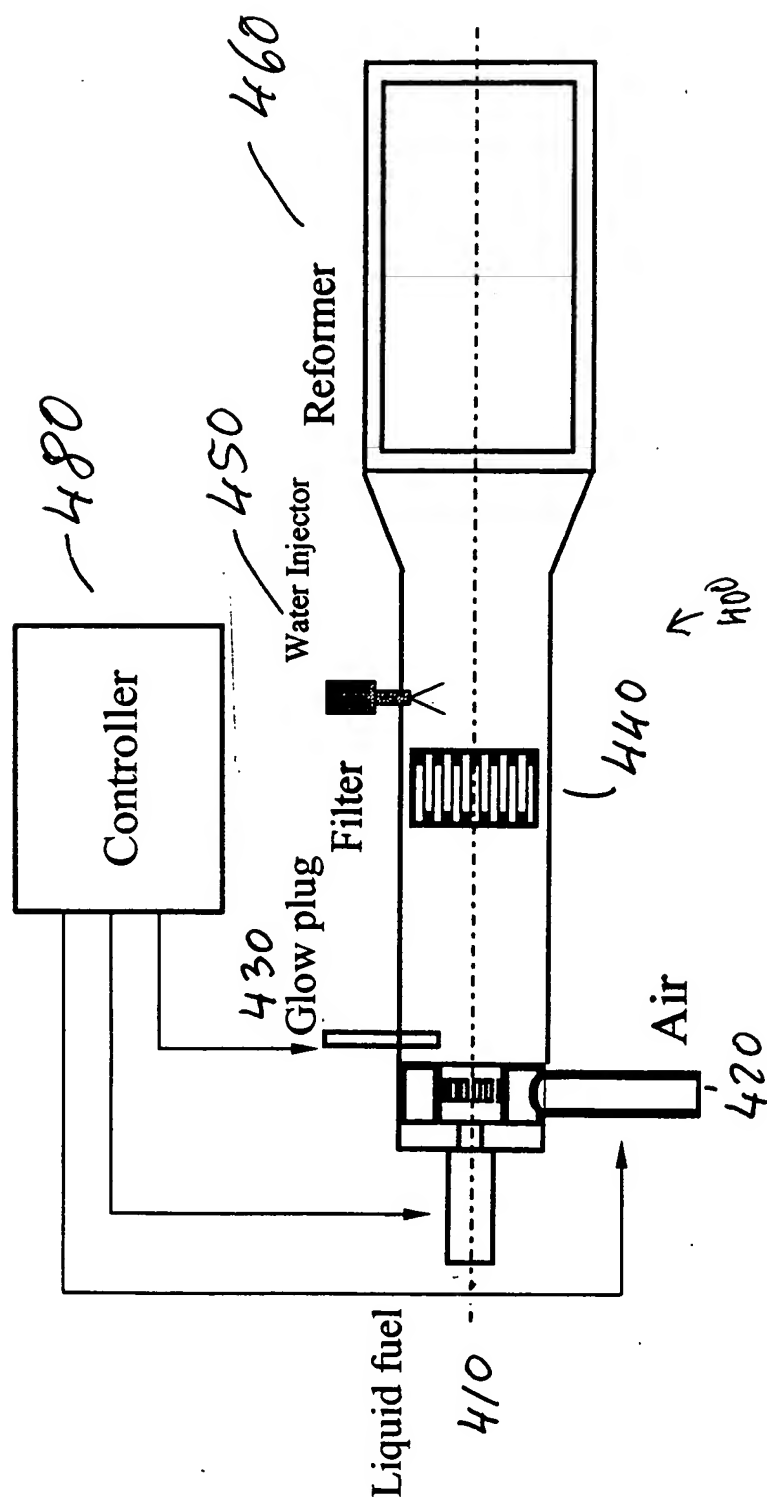


Fig. 4 : Structure of startup combustor with water spray cooler

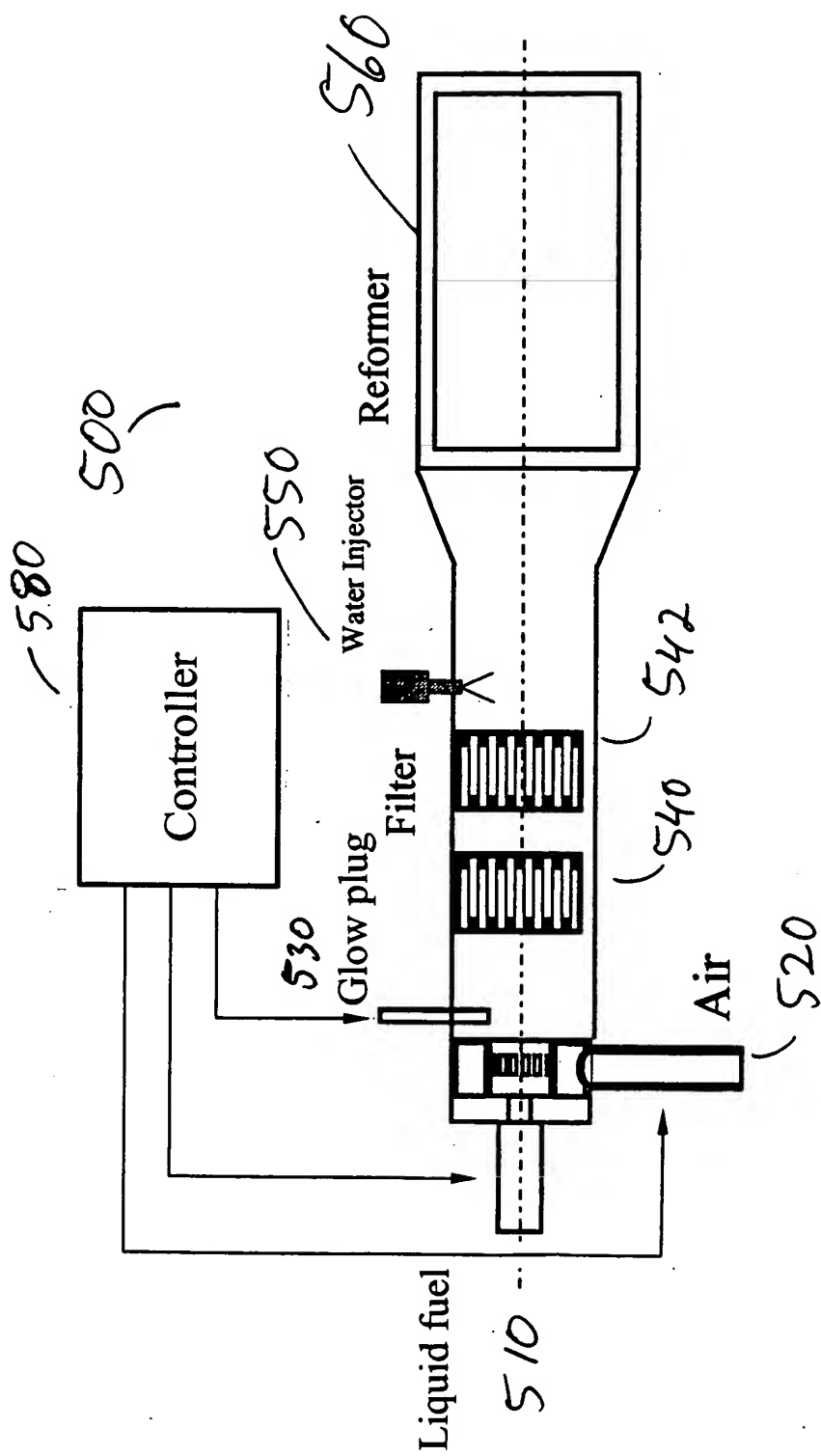


Fig. 5 : Structure of startup combustor with 2-stage filter

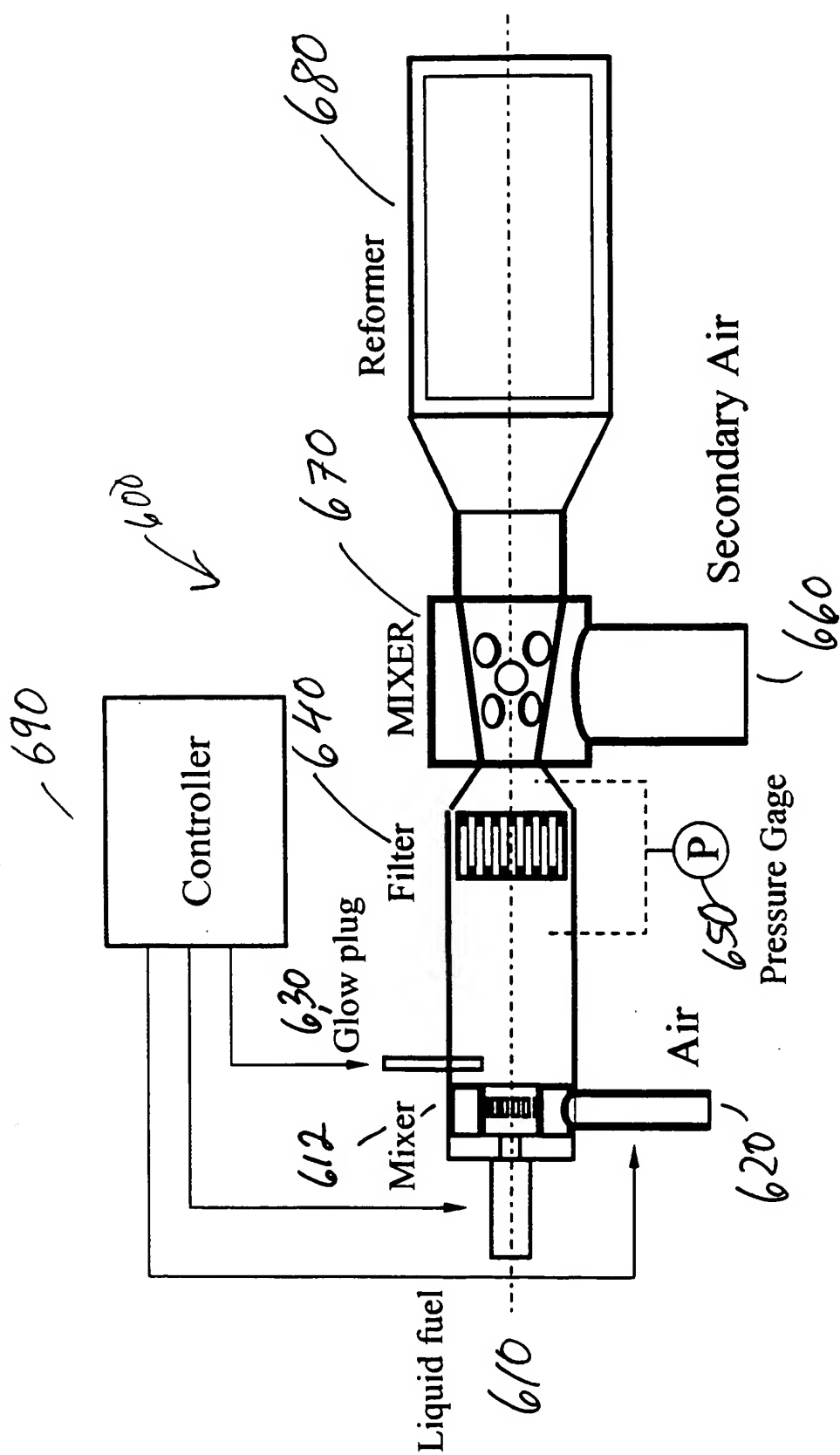


Fig. 6: Structure of Startup Combustor

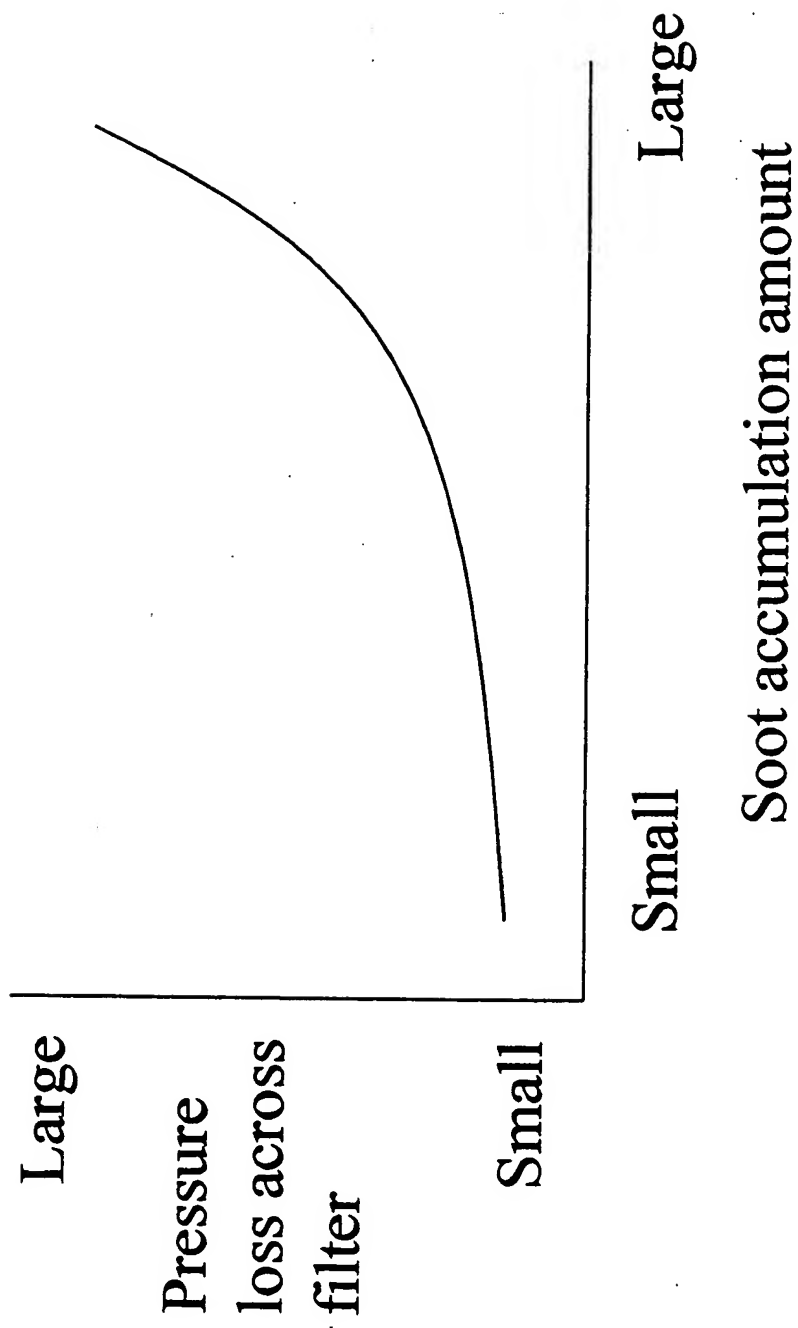


Fig. 7: Filter pressure loss versus soot accumulation amount

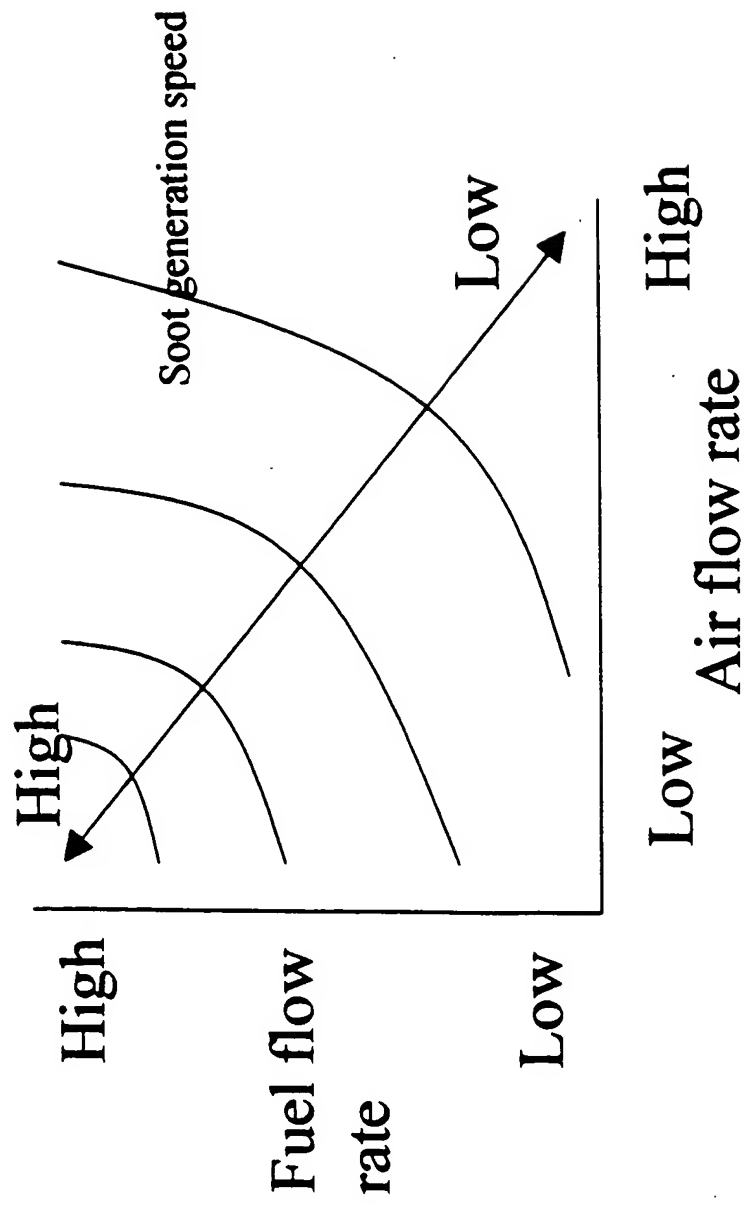


Fig. 8 : Startup combustor operating conditions versus soot generation amount



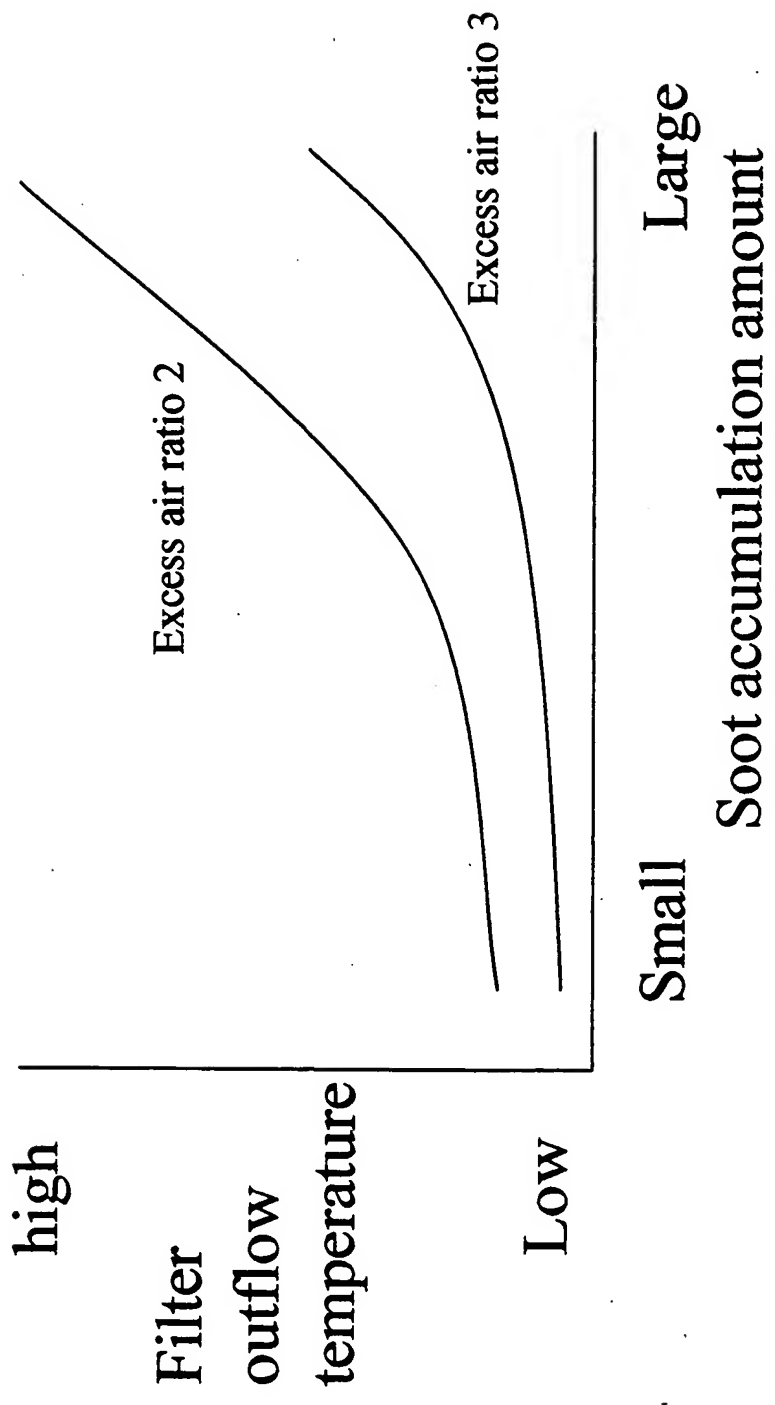


Fig. 9 : Soot accumulation amount versus filter outflow temperature

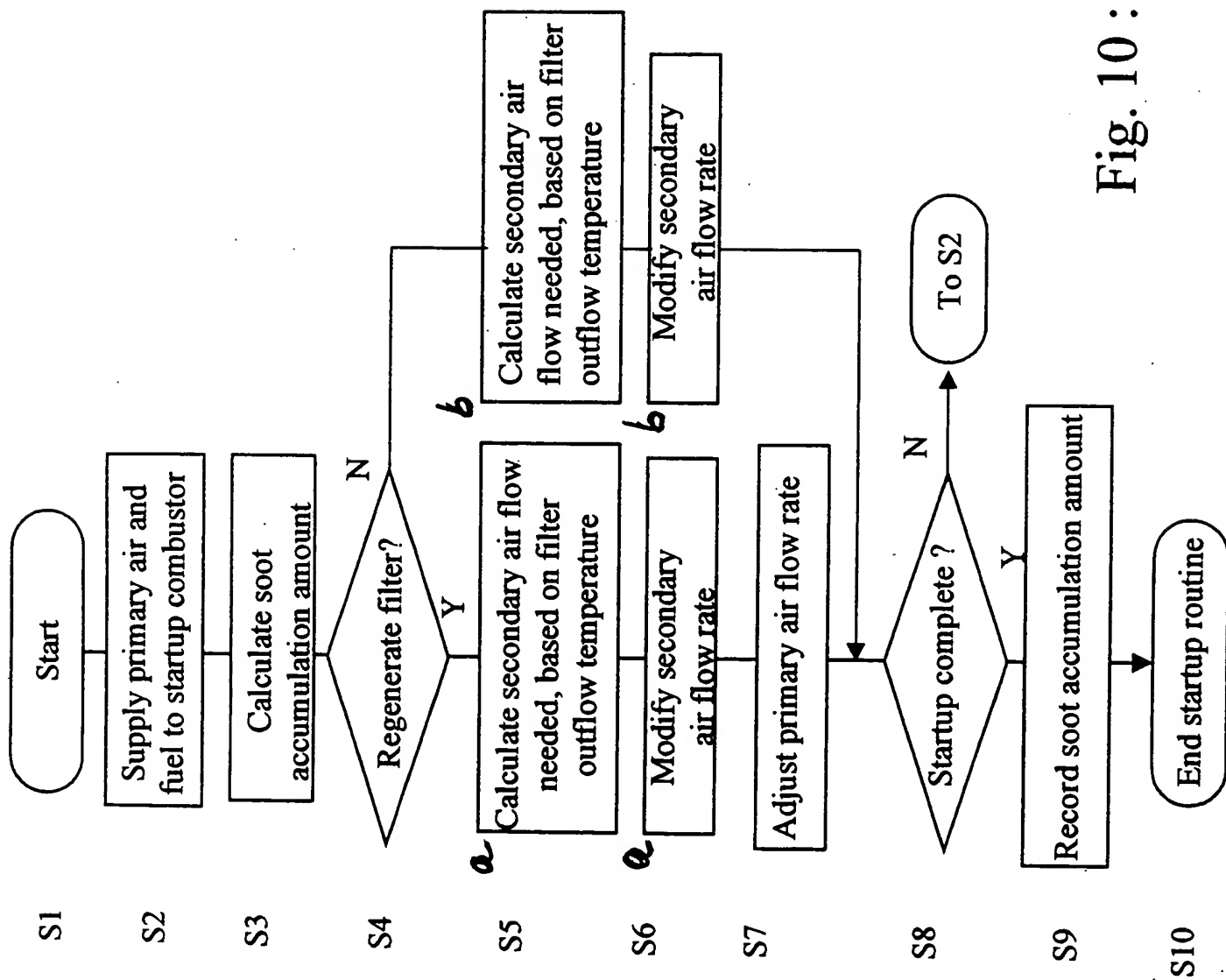


Fig. 10 : Flow chart